

To: Russ, Timothy[Russ.Tim@epa.gov]
From: Berry, Laura
Sent: Fri 11/18/2016 6:42:59 PM
Subject: RE: Revised DRAFT Information for Transmittal to FHWA Regarding the I-70 East Project

Hi Tim,

I just tried calling you – heard you’re telecommuting, so please call me at 734-214-4858. Here until about 3 or 3:30 pm Eastern.

Thanks,

Laura Berry

(734) 214-4858

berry.laura@epa.gov

From: Russ, Timothy
Sent: Friday, November 18, 2016 1:26 PM
To: Berry, Laura <berry.laura@epa.gov>; Patulski, Meg <patulski.meg@epa.gov>; Dubey, Susmita <dubey.susmita@epa.gov>
Cc: Jackson, Scott <Jackson.Scott@epa.gov>; Odendahl, Steve <Odendahl.Steve@epa.gov>; Denawa, Mai <Denawa.Mai@epa.gov>; Dresser, Chris <Dresser.Chris@epa.gov>; Anderson, Carol <Anderson.Carol@epa.gov>; Schuller, Jennifer <Schuller.Jennifer@epa.gov>; Rickard, Joshua <Rickard.Joshua@epa.gov>
Subject: FW: Revised DRAFT Information for Transmittal to FHWA Regarding the I-70 East Project

Hi Everyone,

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

Please see what you all think and thanks for your assistance!

Tim

Tim Russ
Environmental Scientist
USEPA Region 8
Air Program
1595 Wynkoop Street (8P-AR)
Denver, CO 80202-1129
Ph. (303) 312-6479
Fax (303) 312-6064
e-mail: russ.tim@epa.gov

From: Berry, Laura
Sent: Friday, November 18, 2016 9:46 AM
To: Russ, Timothy <Russ.Tim@epa.gov>; Patulski, Meg <patulski.meg@epa.gov>; Dubey, Susmita <dubey.susmita@epa.gov>
Cc: Odendahl, Steve <Odendahl.Steve@epa.gov>; Denawa, Mai <Denawa.Mai@epa.gov>; Dresser, Chris <Dresser.Chris@epa.gov>; Anderson, Carol <Anderson.Carol@epa.gov>; Schuller, Jennifer <Schuller.Jennifer@epa.gov>; Jackson, Scott <Jackson.Scott@epa.gov>; Rickard, Joshua <Rickard.Joshua@epa.gov>
Subject: RE: Revised DRAFT Information for Transmittal to FHWA Regarding the I-70 East Project

Hi Tim,

Ex. 5 - Deliberative Process

Thanks,

Laura Berry

(734) 214-4858

berry.laura@epa.gov

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La Casa (CASA)

Region: Denver

Monitoring Station

4545 Navajo Street

SAROAD:

AQS ID: 080310026

Latitude: 39.779460

Longitude: -105.005124

Reporting capabilities (hourly)

SLAMS: CO, PM10, PM2.5

NAMS: O3, SO2

SPM: NO, RD, RS, TEMP, WD, WS

EPA's November, 2015 PM Hot-spot modeling guidance ("Transportation Conformity Guidance for Quantitative Hot-spot Analyses in PM_{2.5} and PM₁₀ Nonattainment and Maintenance Areas") notes the following in section 9.3.4 *24-hour PM₁₀ NAAQS*:

Calculating Design Values and Determining Conformity

The 24-hour PM₁₀ design value is calculated at each receptor by directly adding the sixth-highest modeled 24-hour concentrations (if using five years of meteorological data) to the appropriate monitor value for the 24-hour background concentration from three years of monitoring data, based on Exhibit 9-6.¹⁵³ Exhibit 9-6: Monitor Value Used for Design Value Calculation

Number of Background Concentration Values from the Monitor	Monitor Value Used for Design Value Calculation
< 347	Highest Monitor Value
348 -695	Second Highest Value
696 -1042	Third Highest Value
1043 -1096	Fourth Highest Value

PM₁₀ data from the La Casa monitoring site are provided in the table below:

POC 1 1 in 3 Sampler

Year	N	Highest value	2 nd highest	3 rd highest	4 th highest
2015	119	55	48	44	43
2014	127	66	65	62	62
2013	122	81	73	56	45

“N” = the number of days of valid data recovery.

NOTE: There are actually three PM₁₀ monitors co-located at the La Casa monitoring location. POC#1 is a “1 in 3” sampler and takes a sample every 3rd day; it is our understanding that this is the primary monitor as so designated by CDPHE. POC#2 is a “1 in 6” sampler and takes a sample every 6th day and POC#3 is a continuous monitor and samples every day.

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On the November 17, 2016 conference call, EPA (OTAQ) advised that additional information from FHWA would be appreciated and that EPA will also be consulting with our Office of General Counsel (OGC) on this issue.

Please let us know if there are any questions.

Thanks!

Tim

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Environmental Scientist
USEPA Region 8
Air Program
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